



Substitute for Form 1449A/PTO

**INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

Complete if Known

Application Number	09/882,694
Filing Date	June 15, 2001
First Named Inventor	Duvick
Group Art Unit	1638
Examiner Name	Medina Ahmed Ibrahim
Attorney Docket Number	35718/208255 (5718-111C)

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

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Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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MAI	84	KELLER <i>et al.</i> (1998) "Identification of a Variant of <i>Fusarium proliferatum</i> That Hydrolyzes Fumonisin B ₁ ", <i>J. Agric. Food Chem.</i> , pp. 2823-2826, Vol. 46.	

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RTA01/2129145v1

Medina Ibrahim 5/19/03

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

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Sheet

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of

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Application Number	(not yet assigned)
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First Named Inventor	Duvick
Group Art Unit	(not yet assigned) 1638
Examiner Name	(not yet assigned) M. H. Ilyah
Attorney Docket Number	35718/208255 (5718-111C)

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Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
MAI	1.	5,178,863		Toyoda <i>et al.</i>	01-12-1993	Whole document
	2.	5,639,949		Ligon <i>et al.</i>	06-17-1997	Whole document
	3.	5,716,820		Duvick <i>et al.</i>	02-10-1998	Whole document
	4.	5,792,931		Duvick <i>et al.</i>	08-11-1998	Whole document
	5.	5,877,273		Hance <i>et al.</i>	03-02-1999	Whole document

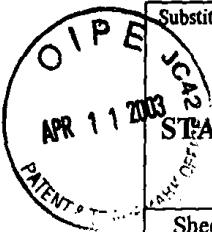
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MAI	6.	EP	0712932A2	Sumitomo Chemical Company, Limited	05-22-1996	Whole document	/
	7.	WO	95/06121	Biomay Produktions – Und Handelsgesellschaft M.B.H.	03-02-1995	pp. 8-9	/
	8.	WO	95/06128	Dekalb Genetics Corporation	03-02-1995	Whole document	/
	9.	WO	96/06175	Pioneer Hi-Bred International, Inc.	02-29-1996	Whole document	/
	10.	WO	96/12414	Ing. Erich Erber Kommanditge-Sellschaft	05-02-1996	Abstract	/
	11.	WO	96/20595	Proguard, Inc.	07-11-1996	Whole document	—
	12.	WO	99/02703	Pioneer Hi-Bred International, Inc.	01-21-1999	Whole document	—
	13.	WO	99/10514	North Carolina State University	03-04-1999	Whole document	/
	14.	WO	99/32505	Eli Lilly and Company	07-01-1999	Whole document	—

Examiner Signature	Medina A. Ilyah	Date Considered	5/19/03
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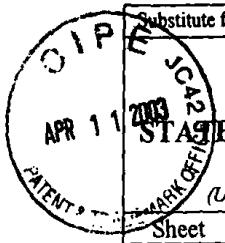
¹ Unique citation designation number.² See attached Kinds of U.S. Patent Documents.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.



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(Use as many sheets as necessary)			Application Number	(not yet assigned)
			Filing Date	June 15, 2001
			First Named Inventor	Duvick
			Group Art Unit	(not yet assigned) 1636
			Examiner Name	(not yet assigned) M. A. Ibrahim
Sheet	2	of	7	Attorney Docket Number
NON PATENT LITERATURE DOCUMENTS				
Examiner Initials		Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
MAI		15.	ANZAI <i>et al.</i> (1989) "Transgenic Tobacco Resistant To A Bacterial Disease By The Detoxification Of A Pathogenic Toxin", <i>Mol Gen Genet</i> 219:492-494, ISSN: 0026-3924, XP002083624.	
		16.	ANZAI <i>et al.</i> (January 1, 1989) "Transgenic tobacco resistant to a bacterial disease by the detoxification of a pathogenic toxin", <i>Molecular and General Genetics</i> 219:492-494, XP002083624, ISSN: 0026-3925 the whole document.	
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		19.	ARMENGAUD (November 1, 1998) "Putative Monooxygenase", SWISSPROT Accession No:086908, XP002133318.	
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		25.	BLATTNER <i>et al.</i> (October 1, 1996) "Hypothetical transcriptional regulator in MODC-BIOA intergenic region", SWISSPROT Accession No:p52696, XP002121103 the whole document.	
		26.	BLATTNER <i>et al.</i> (January 29, 1997) "Escherichia coli K-12 MG1655 section 69 of 400 of the complete genome", EMBL Accession No:AE000179, XP002122134 see complement (4647..5663).	
Examiner Signature	Medina A. Ibrahim		Date Considered	5/19/03

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First Named Inventor	Duvick
Group Art Unit	(not yet assigned) 1635
Examiner Name	(not yet assigned) M. Ibrahim
Attorney Docket Number	35718/208255 (5718-111C)

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	35.	COLE <i>et al.</i> (May 10, 1996) "Mycobacterium tuberculosis H37Rv complete genome; segment 41/162", EMBL Accession No:Z73101, XP002130945, the whole document and "Probable Monooxygenase RV0892 (EC 1.14.13.*)," SWISSPROT Accession No:Q10532 (October 1, 1996).	
	36.	COLE <i>et al.</i> (November 9, 1997) "Mycobacterium tuberculosis H37Rv complete genome; segment 125-162", EMBL Accession No:AL008883, XP002121098, see sequence 1434-1843.	
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Examiner
Signature

Medina A. Ibrahim

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Sheet 4 of 7 Attorney Docket Number

Complete if Known

Application Number	(not yet assigned)
Filing Date	June 15, 2001
First Named Inventor	Duvick
Group Art Unit	(not yet assigned) 1638
Examiner Name	(not yet assigned) M. Y. Yakub

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MAJ	39.	COLE <i>et al.</i> (February 22, 1998) "Mycobacterium tuberculosis H37Rv complete genome; segment 29/162", EMBL Accession No:AL021942, XP002130940, the whole document.	
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	44.	DU (December 15, 1996) "Mycobacterium tuberculosis sequence from clone y175", EMBL Accession No:AD000015, XP002121097, see sequence 6027-6064.	
	45.	DUVICK <i>et al.</i> (1998) "Detoxification Of Mycotoxins <i>In Planta</i> As A Strategy For Improving Grain Quality And Disease Resistance: Identification Of Fumonisin-Degrading Microbes From Maize", <i>Molecular Genetics of Host-Specific Toxins In Plant Disease</i> , Proceedings of the 3 rd Tottori International Symposium Daisen, Tottori, Japan August 24-29, 1997, pp. 369-381, ISBN: 0-7923-4981-4, 1998, XP002121275.	
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Examiner Signature	Medina A. Ibrahim		Date Considered 5/19/03

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Sheet	5	of	7	Attorney Docket Number	35718/208255 (5718-111C)

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MAJ	50.	ISHIGURO <i>et al.</i> (April 22, 1989) "Transposon Tn4311 (from <i>E. coli</i> K-12) citrate utilization protein <i>citA</i> and <i>citB</i> genes, complete cds.", EMBL Accession No:M22041, XP002130953, the whole document.	
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	61.	MORII <i>et al.</i> (June 1, 1998) "Steroid Monooxygenase", SWISSPROT Accession No:050641, XP002133312.	
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Sheet 6 of 7 Attorney Docket Number 35718/208255 (5718-111C)

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Filing Date June 15, 2001

First Named Inventor Duvick

Group Art Unit (not yet assigned) 1638

Examiner Name (not yet assigned) M. Ibrahim

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NON PATENT LITERATURE DOCUMENTS

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MAI	62.	MURAKAMI <i>et al.</i> (January 21, 1999) "Cloning And Sequence Analysis Of Two Catechol-Degrading Gene Clusters From The Aniline-Assimilating Bacterium <i>Fraterculus</i> Species ANA-18", <i>Gene</i> 226(2):189-198	
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	71.	PLUNKETT <i>et al.</i> (December 30, 1994) "Escherichia coli K-12 chromosomal region from 67.4 to 76.0 minutes", EMBL Accession No:U18997, XP002130937, the whole document.	
	72.	RAKIN <i>et al.</i> (1994) "The Pesticin Receptor of <i>Yersinia enterocolitica</i> : A Novel Virulence Factor With Dual Function", <i>Molecular Microbiology</i> 13(2):253-263.	
↓	73.	SCHAAP <i>et al.</i> (July 24, 1998) "Agaricus bisporus aldB and echA genes", EMBL Accession No. Y17825, Abstract No. XP002138292.	
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MAI	74.	SCHMIDT <i>et al.</i> (1990) "Cloning and Nucleotide Sequence Of The <i>crtI</i> Gene Encoding Phytoene Dehydrogenase From The Cyanobacterium <i>Aphanocapsa</i> PCC6714", <i>Gene</i> 91(1):113-117.	
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Examiner Signature	Medina, A. Ibrahim		Date Considered 5/19/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/882,694
				Filing Date	June 15, 2001
				First Named Inventor	Duvick
				Group Art Unit	1638
				Examiner Name	Medina Ahmed Ibrahim
Sheet	1	of	1	Attorney Docket Number	
35718/208255 (5718-111C)					

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				First Named Inventor	Duvick
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U. S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		Patent & Trademark Office	Kind Code ² (if known)			
MAI	1.	5,178,863		Toyoda <i>et al.</i>	01-12-1993	Whole document
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		Office ³	Number ⁴				
MAI	6.	EP	0712932A2	Sumitomo Chemical Company, Limited	05-22-1996	Whole document	
	7.	WO	95/06121	Biomay Produktions – Und Handelsgesellschaft M.B.H.	03-02-1995	pp. 8-9	
	8.	WO	95/06128	Dekalb Genetics Corporation	03-02-1995	Whole document	
	9.	WO	96/06175	Pioneer Hi-Bred International, Inc.	02-29-1996	Whole document	
	10.	WO	96/12414	Ing. Erich Erber Kommanditge-Sellschaft	05-02-1996	Abstract	
	11.	WO	96/20595	Proguard, Inc.	07-11-1996	Whole document	
	12.	WO	99/02703	Pioneer Hi-Bred International, Inc.	01-21-1999	Whole document	
	13.	WO	99/10514	North Carolina State University	03-04-1999	Whole document	
	14.	WO	99/32505	Eli Lilly and Company	07-01-1999	Whole document	
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				Examiner Name	(not yet assigned) M. Ibrabi
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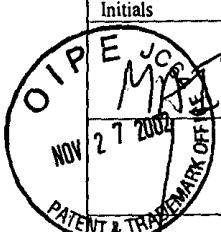
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				First Named Inventor	Duvick
				Group Art Unit	(not yet assigned) 1638
				Examiner Name	(not yet assigned) M. Ibrahim
Sheet	3	of	7	Attorney Docket Number	35718/208255 (5718-111C)

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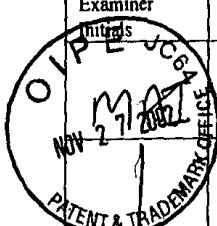
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		Application Number	(not yet assigned)
		Filing Date	June 15, 2001
		First Named Inventor	Duvick
		Group Art Unit	(not yet assigned) 1638
		Examiner Name	(not yet assigned) M. Ibrahim
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				Examiner Name	(not yet assigned) MAZ
Sheet	6	of	7	Attorney Docket Number	35718/208255 (5718-111C)

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Examiner Signature <i>Medina A. Ibrahim</i>		Date Considered	2/03/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	(not yet assigned)
(Use as many sheets as necessary)				Filing Date	June 15, 2001
				First Named Inventor	Duvick
				Group Art Unit	(not yet assigned) 1638
				Examiner Name	(not yet assigned) M. Ibrahim
Sheet	7	of	7	Attorney Docket Number	3518/208255 (5718-111C)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
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